

Title (en)

Neighbor cell monitoring method and apparatus for dual-standby mobile terminal

Title (de)

Nachbarzellenüberwachungsverfahren und Vorrichtung für mobiles Endgerät mit zweifachem Bereitschaftsbetrieb

Title (fr)

Procédé de surveillance de cellules voisines et appareil pour terminal mobile à double position d'attente

Publication

EP 2190247 B1 20180314 (EN)

Application

EP 09176486 A 20091119

Priority

KR 20080114992 A 20081119

Abstract (en)

[origin: EP2190247A2] A neighbor cell monitoring method and apparatus for a dual-standby mobile terminal is provided to reduce unnecessary power consumption by controlling one of two communication units to operate in an idle state while the other performs neighbor cell monitoring. A neighbor cell monitoring method for multi-standby mobile terminal includes acquiring a neighbor's cell information through neighbor cell monitoring by operation of a master unit; performing cell tracking by the master unit and a slave unit independently; executing, when a cell change event is detected by the master unit, the cell change event using the neighbor cell information by the master unit; and transmitting, when a cell change event is detected by the slave unit, from the neighbor cell information from the master unit to the slave unit and executing the cell change event using the neighbor cell information by the slave unit.

IPC 8 full level

H04W 48/20 (2009.01); **H04W 48/16** (2009.01)

CPC (source: EP KR US)

H04W 36/0061 (2013.01 - KR); **H04W 48/16** (2013.01 - KR); **H04W 48/20** (2013.01 - EP KR US); **H04W 48/16** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP KR US)

Cited by

EP2744272A4; US9749890B2; US8594670B2; WO2012012668A1; WO2013149015A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2190247 A2 20100526; **EP 2190247 A3 20140402**; **EP 2190247 B1 20180314**; CN 101742464 A 20100616; CN 101742464 B 20150506; KR 20100056034 A 20100527; US 2010124929 A1 20100520; US 8462731 B2 20130611

DOCDB simple family (application)

EP 09176486 A 20091119; CN 200910224588 A 20091119; KR 20080114992 A 20081119; US 62159309 A 20091119